

ABSTRACT

A data migration, data integration, data warehousing, and business intelligence system including a data storage model is provided that allows a business to effectively utilize its data to make business decisions. The system can be designed to include a number of data storage units including a data dock, a staging area, a data vault, a data mart, a data collection area, a metrics repository, and a metadata repository. Data received from a number of source systems moves through the data storage units and is processed along the way by a number of process areas including a profiling process area, a cleansing process area, a data loading process area, a business rules and integration process area, a propagation, aggregation and subject area breakout process area, and a business intelligence and decision support systems process area.

Movement of the data is performed by metagates. The processed data is then received by corporate portals for use in making business decisions. The system may be implemented by an implementation team made up of members including a project manager, a business analyst, a system architect, a data modeler/ data architect, a data migration expert, a DSS/OLAP expert, a data profiler/cleanser, and a trainer.

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